AMENDMENTS TO THE CLAIMS

Upon entry of the present amendment, the status of the claims will be as shown below. This listing of claims replaces all previous versions and listings of claims in the present application.

Listing of Claims

1. – 7. (Cancelled)

8. (Previously Presented) A playback apparatus, comprising:

a virtual machine operable to execute an application that is recorded in a recording medium;

a playback control engine operable to play back a digital stream that is recorded in the recording medium; and

an application manager operable to cause the virtual machine to execute the application when a life cycle of the application is reached, and at a same time, to cause the playback control engine to play back the digital stream in accordance with management information that is recorded in the recording medium.

9. – 18. (Cancelled)

19. (Currently Amended) A computer readable recording medium in which a computer readable application, a life cycle specifying an executable period of the computer readable application, a digital stream, and management information including information indicating playback control information of the digital stream that is performed during the life cycle, are recorded, the computer readable application, the life cycle, the digital stream, and the management information being read into a computer that includes a virtual machine operable to execute the [[a]] computer readable application that is recorded in the computer readable recording medium, and a playback control engine operable to play back the digital stream that is

recorded in the computer readable recording medium, the computer readable recording medium, being read into the computer, causing the computer to:

cause the virtual machine [[unit]] to execute the computer readable application when the life cycle of the computer readable application is reached, and simultaneously

cause the playback control engine to play back the digital stream in accordance with the playback control information of the digital stream that is performed during the life cycle indicated in the information of the management information that is recorded in the computer readable recording medium and that is read into the computer.

20. (Previously Presented) A playback method for a computer that includes a virtual machine operable to execute an application that is recorded in a recording medium, and a playback control engine operable to play back a digital stream that is recorded in the recording medium, the playback method causing the computer to:

cause the virtual machine to execute the application when a life cycle of the application is reached, and simultaneously

cause the playback control engine to play back the digital stream in accordance with management information that is recorded in the recording medium.

21. (Cancelled)

22. (Previously Presented) A computer for playing back the digital stream while executing the computer readable application which is recorded in the computer readable recording medium according to claim 19.

23. (Previously Presented) A recording method, comprising:

recording in a computer readable recording medium, a computer program

written in a programming language, a life cycle specifying an executable period of the computer program, a digital stream, and management information indicating playback control information of the digital stream that is performed during the life cycle, wherein

the computer program, the digital stream, the life cycle, and the management information are read into a computer that includes a virtual machine operable to execute the computer program when the life cycle of the computer program is reached, and

a playback control engine operable to play back the digital stream during the life cycle of the executing computer program in accordance with the management information.